Domenico Accili

List of Publications by Year
in descending order

158 papers	30,785 citations	7568 77 h-index	6996 154 g-index
168 all docs	168 docs citations	168 times ranked	33353 citing authors

#	Article	IF	Citations
1	Post-acute COVID-19 syndrome. Nature Medicine, 2021, 27, 601-615.	30.7	3,051
2	Extrapulmonary manifestations of COVID-19. Nature Medicine, 2020, 26, 1017-1032.	30.7	2,300
3	Insulin-regulated hepatic gluconeogenesis through FOXO1â€“PGC-1Î± interaction. Nature, 2003, 423, 550-555.	27.8	1,312
4	FoxOs at the Crossroads of Cellular Metabolism, Differentiation, and Transformation. Cell, 2004, 117, 421-426.	28.9	1,209
5	Pancreatic Î² Cell Dedifferentiation as a Mechanism of Diabetic Î² Cell Failure. Cell, 2012, 150, 1223-1234.	28.9	1,185
6	A Muscle-Specific Insulin Receptor Knockout Exhibits Features of the Metabolic Syndrome of NIDDM without Altering Glucose Tolerance. Molecular Cell, 1998, 2, 559-569.	9.7	1,071
7	Brown Remodeling of White Adipose Tissue by SirT1-Dependent Deacetylation of PparÎ³. Cell, 2012, 150, 620-632.	28.9	664
8	The Forkhead Transcription Factor Foxo1 Regulates Adipocyte Differentiation. Developmental Cell, 2003, 4, 119-129.	7.0	662
9	Structure-based prediction of proteinâ€“protein interactions on a genome-wide scale. Nature, 2012, 490, 556-560.	27.8	652
10	Regulation of insulin action and pancreatic Î²-cell function by mutated alleles of the gene encoding forkhead transcription factor Foxo1. Nature Genetics, 2002, 32, 245-253.	21.4	597
11	SirT1 Gain of Function Increases Energy Efficiency and Prevents Diabetes in Mice. Cell Metabolism, 2008, 8, 333-341.	16.2	588
12	Early neonatal death in mice homozygous for a null allele of the insulin receptor gene. Nature Genetics, 1996, 12, 106-109.	21.4	554
13	Impaired Regulation of Hepatic Glucose Production in Mice Lacking the Forkhead Transcription Factor Foxo1 in Liver. Cell Metabolism, 2007, 6, 208-216.	16.2	540
14	FoxO1 protects against pancreatic Î² cell failure through NeuroD and MafA induction. Cell Metabolism, 2005, 2, 153-163.	16.2	521
15	Development of a Novel Polygenic Model of NIDDM in Mice Heterozygous for IR and IRS-1 Null Alleles. Cell, 1997, 88, 561-572.	28.9	517
16	The forkhead transcription factor Foxo1 (Fkhr) confers insulin sensitivity onto glucose-6-phosphatase expression. Journal of Clinical Investigation, 2001, 108, 1359-1367.	8.2	506
17	The forkhead transcription factor Foxo1 links insulin signaling to Pdx1 regulation of pancreatic Î² cell growth. Journal of Clinical Investigation, 2002, 110, 1839-1847.	8.2	503
18	Biochemical and cellular properties of insulin receptor signalling. Nature Reviews Molecular Cell Biology, 2018, 19, 31-44.	37.0	486

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19	Distinct and Overlapping Functions of Insulin and IGF-I Receptors. Endocrine Reviews, 2001, 22, 818-835.	20.1	460
20	Nuclear Trapping of the Forkhead Transcription Factor FoxO1 via Sirt-dependent Deacetylation Promotes Expression of Glucogenetic Genes. Journal of Biological Chemistry, 2005, 280, 20589-20595.	3.4	459
21	Evidence of Î²-Cell Dedifferentiation in Human Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1044-1054.	3.6	438
22	Tissue-specific insulin resistance in mice with mutations in the insulin receptor, IRS-1, and IRS-2. Journal of Clinical Investigation, 2000, 105, 199-205.	8.2	419
23	Insulin Stimulates Phosphorylation of the Forkhead Transcription Factor FKHR on Serine 253 through a Wortmannin-sensitive Pathway. Journal of Biological Chemistry, 1999, 274, 15982-15985.	3.4	417
24	Forkhead protein FoxO1 mediates Agrp-dependent effects of leptin on food intake. Nature Medicine, 2006, 12, 534-540.	30.7	397
25	Hormonal Regulation of Hepatic Glucose Production in Health and Disease. Cell Metabolism, 2011, 14, 9-19.	16.2	360
26	Growth-Promoting Interaction of IGF-II with the Insulin Receptor during Mouse Embryonic Development. Developmental Biology, 1997, 189, 33-48.	2.0	354
27	Dual role of transcription factor FoxO1 in controlling hepatic insulin sensitivity and lipid metabolism. Journal of Clinical Investigation, 2006, 116, 2464-72.	8.2	348
28	Human Insulin Resistance Is Associated With Increased Plasma Levels of 12Î±-Hydroxylated Bile Acids. Diabetes, 2013, 62, 4184-4191.	0.6	337
29	The forkhead transcription factor Foxo1 links insulin signaling to Pdx1 regulation of pancreatic Î² cell growth. Journal of Clinical Investigation, 2002, 110, 1839-1847.	8.2	291
30	Differential regulation of gene expression by insulin and IGF-1 receptors correlates with phosphorylation of a single amino acid residue in the forkhead transcription factor FKHR. EMBO Journal, 2000, 19, 989-996.	7.8	273
31	Macrophage insulin receptor deficiency increases ER stress-induced apoptosis and necrotic core formation in advanced atherosclerotic lesions. Cell Metabolism, 2006, 3, 257-266.	16.2	256
32	Testis determination requires insulin receptor family function in mice. Nature, 2003, 426, 291-295.	27.8	250
33	A Foxo/Notch pathway controls myogenic differentiation and fiber type specification. Journal of Clinical Investigation, 2007, 117, 2477-2485.	8.2	237
34	Insulin Receptor Knockout Mice. Annual Review of Physiology, 2003, 65, 313-332.	13.1	220
35	Mouse Models of Insulin Resistance. Physiological Reviews, 2004, 84, 623-647.	28.8	211
36	How Does Type 1 Diabetes Develop?. Diabetes, 2011, 60, 1370-1379.	0.6	199

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37	Mouse models of insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E977-E981.	3.5	191
38	Regulation of insulin-like growth factorâ€"dependent myoblast differentiation by Foxo forkhead transcription factors. Journal of Cell Biology, 2003, 162, 535-541.	5.2	182
39	Calcium Signaling through CaMKII Regulates Hepatic Glucose Production in Fasting and Obesity. Cell Metabolism, 2012, 15, 739-751.	16.2	181
40	The Insulin Receptor and Its Cellular Targets¹. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 972-979.	3.6	178
41	Inhibition of Foxo1 function is associated with improved fasting glycemia in diabetic mice. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E718-E728.	3.5	175
42	Inhibition of Notch signaling ameliorates insulin resistance in a FoxO1-dependent manner. Nature Medicine, 2011, 17, 961-967.	30.7	165
43	FoxO1 Target Gpr17 Activates AgRP Neurons to Regulate Food Intake. Cell, 2012, 149, 1314-1326.	28.9	164
44	Transcription Factor FoxO1 Mediates Glucagon-Like Peptide-1 Effects on Pancreatic Â-Cell Mass. Diabetes, 2006, 55, 1190-1196.	0.6	160
45	Selective Inhibition of FOXO1 Activator/Repressor Balance Modulates Hepatic Glucose Handling. Cell, 2017, 171, 824-835.e18.	28.9	160
46	FoxOs Integrate Pleiotropic Actions of Insulin in Vascular Endothelium to Protect Mice from Atherosclerosis. Cell Metabolism, 2012, 15, 372-381.	16.2	155
47	FoxOs Function Synergistically to Promote Glucose Production. Journal of Biological Chemistry, 2010, 285, 35245-35248.	3.4	154
48	Signalling through IGF-I and insulin receptors: where is the specificity?. Growth Hormone and IGF Research, 2002, 12, 84-90.	1.1	150
49	The obesity susceptibility gene Cpe links FoxO1 signaling in hypothalamic pro-opiomelanocortin neurons with regulation of food intake. Nature Medicine, 2009, 15, 1195-1201.	30.7	150
50	Generation of functional insulin-producing cells in the gut by Foxo1 ablation. Nature Genetics, 2012, 44, 406-412.	21.4	150
51	Evidence That IRS-2 Phosphorylation Is Required for Insulin Action in Hepatocytes. Journal of Biological Chemistry, 1998, 273, 17491-17497.	3.4	149
52	Defective insulin secretion in pancreatic Î² cells lacking type 1 IGF receptor. Journal of Clinical Investigation, 2002, 110, 1011-1019.	8.2	149
53	Integrated control of hepatic lipogenesis versus glucose production requires FoxO transcription factors. Nature Communications, 2014, 5, 5190.	12.8	148
54	Uncoupling of Acetylation from Phosphorylation Regulates FoxO1 Function Independent of Its Subcellular Localization. Journal of Biological Chemistry, 2010, 285, 27396-27401.	3.4	143

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55	The Forkhead Transcription Factor FoxO1 Regulates Proliferation and Transdifferentiation of Hepatic Stellate Cells. Gastroenterology, 2007, 132, 1434-1446.	1.3	140
56	Impaired glucose tolerance in mice with a targeted impairment of insulin action in muscle and adipose tissue. Nature Genetics, 1998, 20, 294-298.	21.4	139
57	Aldehyde dehydrogenase 1a3 defines a subset of failing pancreatic Î² cells in diabetic mice. Nature Communications, 2016, 7, 12631.	12.8	138
58	Insulin and IGF-1 receptors regulate FoxO-mediated signaling in muscle proteostasis. Journal of Clinical Investigation, 2016, 126, 3433-3446.	8.2	132
59	Divergent Regulation of Energy Expenditure and Hepatic Glucose Production by Insulin Receptor in Agouti-Related Protein and POMC Neurons. Diabetes, 2010, 59, 337-346.	0.6	130
60	Adipocyte SIRT1 knockout promotes PPARÎ³ activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. Molecular Metabolism, 2015, 4, 378-391.	6.5	129
61	Inhibition of Notch uncouples Akt activation from hepatic lipid accumulation by decreasing mTorc1 stability. Nature Medicine, 2013, 19, 1054-1060.	30.7	126
62	Transgenic rescue of insulin receptorâ€"deficient mice. Journal of Clinical Investigation, 2004, 114, 214-223.	8.2	124
63	Distinct and Overlapping Functions of Insulin and IGF-I Receptors. , 2001, 22, 818-835.		117
64	Role of the forkhead protein FoxO1 in Â cell compensation to insulin resistance. Journal of Clinical Investigation, 2006, 116, 775-782.	8.2	114
65	Proatherogenic Abnormalities of Lipid Metabolism in SirT1 Transgenic Mice Are Mediated through Creb Deacetylation. Cell Metabolism, 2011, 14, 758-767.	16.2	106
66	Defective insulin secretion in pancreatic Î² cells lacking type 1 IGF receptor. Journal of Clinical Investigation, 2002, 110, 1011-1019.	8.2	105
67	Impaired Generation of 12-Hydroxylated Bile Acids Links Hepatic Insulin Signaling with Dyslipidemia. Cell Metabolism, 2012, 15, 65-74.	16.2	103
68	FOXO1 inhibition yields functional insulin-producing cells in human gut organoid cultures. Nature Communications, 2014, 5, 4242.	12.8	99
69	Preserved Pancreatic Î²-Cell Development and Function in Mice Lacking the Insulin Receptor-Related Receptor. Molecular and Cellular Biology, 2001, 21, 5624-5630.	2.3	97
70	Restoration of liver insulin signaling in Insr knockout mice fails to normalize hepatic insulin action. Journal of Clinical Investigation, 2005, 115, 1314-1322.	8.2	93
71	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Endothelial Cells Accelerates Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1328-1337.	2.4	92
72	Can COVID-19 cause diabetes?. Nature Metabolism, 2021, 3, 123-125.	11.9	91

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73	Metabolic Diapause in Pancreatic Î²-Cells Expressing a Gain-of-function Mutant of the Forkhead Protein Foxo1. Journal of Biological Chemistry, 2007, 282, 287-293.	3.4	89
74	Hyperinsulinemia leads to uncoupled insulin regulation of the GLUT4 glucose transporter and the FoxO1 transcription factor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10162-10167.	7.1	86
75	Metabolic Inflexibility Impairs Insulin Secretion and Results In MODY-like Diabetes in Triple FoxO-Deficient Mice. Cell Metabolism, 2014, 20, 593-602.	16.2	86
76	Foxo1 Links Hyperglycemia to LDL Oxidation and Endothelial Nitric Oxide Synthase Dysfunction in Vascular Endothelial Cells. Diabetes, 2009, 58, 2344-2354.	0.6	85
77	Adiponectin Resistance Exacerbates Insulin Resistance in Insulin Receptor Transgenic/Knockout Mice. Diabetes, 2007, 56, 1969-1976.	0.6	81
78	The new biology of diabetes. Diabetologia, 2015, 58, 2459-2468.	6.3	80
79	Insulin Regulation of Gene Expression through the Forkhead Transcription Factor Foxo1 (Fkhr) Requires Kinases Distinct from Aktâ€. Biochemistry, 2001, 40, 11768-11776.	2.5	72
80	Transgenic rescue of insulin receptorâ€“deficient mice. Journal of Clinical Investigation, 2004, 114, 214-223.	8.2	70
81	Hepatic FoxO1 Ablation Exacerbates Lipid Abnormalities during Hyperglycemia. Journal of Biological Chemistry, 2010, 285, 26861-26868.	3.4	65
82	Restoration of liver insulin signaling in Insr knockout mice fails to normalize hepatic insulin action. Journal of Clinical Investigation, 2005, 115, 1314-1322.	8.2	65
83	Hepatic insulin signaling regulates VLDL secretion and atherogenesis in mice. Journal of Clinical Investigation, 2009, 119, 1029-41.	8.2	65
84	Effects of Mutations in the Insulin-like Growth Factor Signaling System on Embryonic Pancreas Development and Î²-Cell Compensation to Insulin Resistance. Journal of Biological Chemistry, 2002, 277, 36740-36747.	3.4	64
85	Pathogenesis of Selective Insulin Resistance in Isolated Hepatocytes. Journal of Biological Chemistry, 2015, 290, 13972-13980.	3.4	63
86	Hepatic FoxO1 Integrates Glucose Utilization and Lipid Synthesis through Regulation of Chrebp O-Glycosylation. PLoS ONE, 2012, 7, e47231.	2.5	62
87	Insulin Inhibits the Activation of Transcription by a C-terminal Fragment of the Forkhead Transcription Factor FKHR. Journal of Biological Chemistry, 2000, 275, 7289-7295.	3.4	61
88	Dissociation of the Glucose and Lipid Regulatory Functions of FoxO1 by Targeted Knockin of Acetylation-Defective Alleles in Mice. Cell Metabolism, 2011, 14, 587-597.	16.2	60
89	Expanded Granulocyte/Monocyte Compartment in Myeloid-Specific Triple FoxO Knockout Increases Oxidative Stress and Accelerates Atherosclerosis in Mice. Circulation Research, 2013, 112, 992-1003.	4.5	60
90	The Double Life of Irs. Cell Metabolism, 2008, 8, 7-9.	16.2	59

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91	Pair Feeding, but Not Insulin, Phloridzin, or Rosiglitazone Treatment, Curtails Markers of Î²-Cell Dedifferentiation in <i>db/db</i> Mice. Diabetes, 2017, 66, 2092-2101.	0.6	59
92	Regulation of Pancreatic Juxtaductal Endocrine Cell Formation by FoxO1. Molecular and Cellular Biology, 2009, 29, 4417-4430.	2.3	53
93	Differential Signaling of Insulin and IGF-1 Receptors to Glycogen Synthesis in Murine Hepatocytes. Biochemistry, 1999, 38, 7517-7523.	2.5	49
94	FoxO1 Deacetylation Decreases Fatty Acid Oxidation in Î²-Cells and Sustains Insulin Secretion in Diabetes. Journal of Biological Chemistry, 2016, 291, 10162-10172.	3.4	49
95	Diabetes in Mice With Selective Impairment of Insulin Action in Glut4-Expressing Tissues. Diabetes, 2011, 60, 700-709.	0.6	48
96	Mechanisms of Disease: using genetically altered mice to study concepts of type 2 diabetes. Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, 164-172.	2.8	46
97	Disruption of Adipose Rab10-Dependent Insulin Signaling Causes Hepatic Insulin Resistance. Diabetes, 2016, 65, 1577-1589.	0.6	46
98	BACH2 inhibition reverses Î² cell failure in type 2 diabetes models. Journal of Clinical Investigation, 2021, 131, .	8.2	43
99	A kinase in the life of the Î² cell. Journal of Clinical Investigation, 2001, 108, 1575-1576.	8.2	41
100	Nuclear Forkhead Box O1 Controls and Integrates Key Signaling Pathways in Hepatocytes. Endocrinology, 2007, 148, 2424-2434.	2.8	39
101	Legacy Effect of Foxo1 in Pancreatic Endocrine Progenitors on Adult Î²-Cell Mass and Function. Diabetes, 2015, 64, 2868-2879.	0.6	39
102	Identification of <i>C2CD4A</i> as a human diabetes susceptibility gene with a role in Î² cell insulin secretion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20033-20042.	7.1	38
103	Increased Atherosclerosis and Endothelial Dysfunction in Mice Bearing Constitutively Deacetylated Alleles of Foxo1 Gene. Journal of Biological Chemistry, 2012, 287, 13944-13951.	3.4	37
104	Insulin Action Research and the Future of Diabetes Treatment: The 2017 Banting Medal for Scientific Achievement Lecture. Diabetes, 2018, 67, 1701-1709.	0.6	36
105	All roads lead to FoxO. Cell Metabolism, 2005, 1, 215-216.	16.2	35
106	Mosaic analysis of insulin receptor function. Journal of Clinical Investigation, 2004, 113, 209-219.	8.2	35
107	Genetics of Type 2 Diabetes Insight from Targeted Mouse Mutants. Current Molecular Medicine, 2001, 1, 9-23.	1.3	33
108	Gpr17 in AgRP Neurons Regulates Feeding and Sensitivity to Insulin and Leptin. Diabetes, 2015, 64, 3670-3679.	0.6	33

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109	Metformin and AMP Kinase Activation Increase Expression of the Sterol Transporters ABCG5/8 (ATP-Binding Cassette Transporter G5/G8) With Potential Antiatherogenic Consequences. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1493-1503.	2.4	31
110	Cyb5r3 links FoxO1-dependent mitochondrial dysfunction with Î²-cell failure. Molecular Metabolism, 2020, 34, 97-111.	6.5	30
111	Liver Sinusoidal Endothelial Cells Link Hyperinsulinemia to Hepatic Insulin Resistance. Diabetes, 2013, 62, 1478-1489.	0.6	29
112	microRNA-205-5p is a modulator of insulin sensitivity that inhibits FOXO function. Molecular Metabolism, 2018, 17, 49-60.	6.5	29
113	Insulin- and Lipopolysaccharide-Mediated Signaling in Adipose Tissue Macrophages Regulates Postprandial Glycemia through Akt-mTOR Activation. Molecular Cell, 2020, 79, 43-53.e4.	9.7	29
114	Increased IGFR activity and glucose transport in cultured skeletal muscle from insulin receptor null mice. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E16-E24.	3.5	28
115	A Mutant Allele Encoding DNA Bindingâ€“Deficient FoxO1 Differentially Regulates Hepatic Glucose and Lipid Metabolism. Diabetes, 2015, 64, 1951-1965.	0.6	28
116	Anorexia and Impaired Glucose Metabolism in Mice With Hypothalamic Ablation of Glut4 Neurons. Diabetes, 2015, 64, 405-417.	0.6	28
117	New Insights into the Integrated Physiology of Insulin Action. Reviews in Endocrine and Metabolic Disorders, 2004, 5, 143-149.	5.7	27
118	Glut4 expression defines an insulin-sensitive hypothalamic neuronal population. Molecular Metabolism, 2014, 3, 452-459.	6.5	27
119	Insulin resistance in cardiovascular disease, uremia, and peritoneal dialysis. Trends in Endocrinology and Metabolism, 2021, 32, 721-730.	7.1	27
120	Induction of Î± cellâ€“restricted Gc in dedifferentiating Î² cells contributes to stress-induced Î² cell dysfunction. JCI Insight, 2019, 4, .	5.0	24
121	In Vivo Mutagenesis of the Insulin Receptor. Journal of Biological Chemistry, 2003, 278, 28359-28362.	3.4	23
122	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenaseâ€“leukotriene B ₄ axis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11674-11684.	7.1	23
123	Blunted Refeeding Response and Increased Locomotor Activity in Mice Lacking FoxO1 in Synapsin-<i>Cre</i>â€“Expressing Neurons. Diabetes, 2013, 62, 3373-3383.	0.6	21
124	Hepatic SirT1-Dependent Gain of Function of Stearoyl-CoA Desaturase-1 Conveys Dysmetabolic and Tumor Progression Functions. Cell Reports, 2015, 11, 1797-1808.	6.4	21
125	Analysis of compensatory Î²-cell response in mice with combined mutations of Insr and Irs2. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1694-E1701.	3.5	20
126	FGF21 and the Second Coming of PPARÎ³. Cell, 2012, 148, 397-398.	28.9	19

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127	Reprogramming Cells to Make Insulin. Journal of the Endocrine Society, 2019, 3, 1214-1226.	0.2	19
128	PPARÎ³ Deacetylation Confers the Antiatherogenic Effect and Improves Endothelial Function in Diabetes Treatment. Diabetes, 2020, 69, 1793-1803.	0.6	19
129	Genetic Analysis of Type-1 Insulin-like Growth Factor Receptor Signaling through Insulin Receptor Substrate-1 and -2 in Pancreatic Î² Cells. Journal of Biological Chemistry, 2010, 285, 41044-41050.	3.4	18
130	Identification of Insulin-Responsive Transcription Factors That Regulate Glucose Production by Hepatocytes. Diabetes, 2019, 68, 1156-1167.	0.6	18
131	Reconstitution of Insulin Action in Muscle, White Adipose Tissue, and Brain of Insulin Receptor Knock-out Mice Fails to Rescue Diabetes. Journal of Biological Chemistry, 2011, 286, 9797-9804.	3.4	17
132	Insulin Receptor Knock-Out Mice. Trends in Endocrinology and Metabolism, 1997, 8, 101-104.	7.1	16
133	Selective Insulin Sensitizers. Science, 2011, 331, 1529-1531.	12.6	16
134	Homozygosity for an Allele Encoding Deacetylated FoxO1 Protects Macrophages From Cholesterol-Induced Inflammation Without Increasing Apoptosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2920-2928.	2.4	16
135	InsR/FoxO1 Signaling Curtails Hypothalamic POMC Neuron Number. PLoS ONE, 2012, 7, e31487.	2.5	16
136	Altered Plasma Profile of Antioxidant Proteins as an Early Correlate of Pancreatic Î² Cell Dysfunction. Journal of Biological Chemistry, 2016, 291, 9648-9656.	3.4	16
137	FOXO1 inhibition synergizes with FGF21 to normalize glucose control in diabetic mice. Molecular Metabolism, 2021, 49, 101187.	6.5	16
138	Preserved Energy Balance in Mice Lacking FoxO1 in Neurons of Nkx2.1 Lineage Reveals Functional Heterogeneity of FoxO1 Signaling Within the Hypothalamus. Diabetes, 2014, 63, 1572-1582.	0.6	13
139	TOX4, an insulin receptor-independent regulator of hepatic glucose production, is activated in diabetic liver. Cell Metabolism, 2022, 34, 158-170.e5.	16.2	13
140	Whither Type 1 Diabetes?. New England Journal of Medicine, 2020, 383, 2078-2079.	27.0	12
141	An unSIRTain role in longevity. Nature Medicine, 2011, 17, 1350-1351.	30.7	10
142	An integrative transcriptional logic model of hepatic insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
143	Tissue-specific insulin resistance in type 2 diabetes: lessons from gene-targeted mice. Annals of Medicine, 2001, 33, 22-27.	3.8	9
144	Altered Central Nutrient Sensing in Male Mice Lacking Insulin Receptors in Glut4-expressing Neurons. Endocrinology, 2019, 160, 2038-2048.	2.8	9

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145	Distinct roles of systemic and local actions of insulin on pancreatic Î²-cells. Metabolism: Clinical and Experimental, 2018, 82, 100-110.	3.4	7
146	Antagonistic epistasis of Hnf4Î± and FoxO1 metabolic networks through enhancer interactions in Î²-cell function. Molecular Metabolism, 2021, 53, 101256.	6.5	5
147	Notch-mediated Ephrin signaling disrupts islet architecture and Î² cell function. JCI Insight, 2022, 7, .	5.0	5
148	Mechanisms of Î² cell failure in the pathogenesis of Type 2 diabetes. Drug Development Research, 2008, 69, 111-115.	2.9	4
149	Glucose homeostasis: lessons from knockout mice. Current Opinion in Endocrinology, Diabetes and Obesity, 2001, 8, 82-87.	0.6	2
150	Hypoglycemia Secondary to Sulfonylurea Ingestion in a Patient with End Stage Renal Disease: Results from a 72-Hour Fast. Case Reports in Endocrinology, 2015, 2015, 1-4.	0.4	2
151	A fluorescent reporter assay of differential gene expression response to insulin in hepatocytes. American Journal of Physiology - Cell Physiology, 2019, 317, C143-C151.	4.6	2
152	FOXO1 Is Present in Stomach Epithelium and Determines Gastric Cell Distribution. , 2022, 1, 733-745.		2
153	Turning up the heat in the fat cell. Nature Medicine, 2004, 10, 1168-1169.	30.7	1
154	Aldo-ketoreductase 1c19 ablation does not affect insulin secretion in murine islets. PLoS ONE, 2021, 16, e0260526.	2.5	1
155	Ceci nâ€™est pas Science. Cell Metabolism, 2015, 21, 503-504.	16.2	0
156	Alain Ktorza, PhD. Diabetes, Obesity and Metabolism, 2017, 19, 3-3.	4.4	0
157	nâ€3 Fatty Acids Decrease LDLâ€Cholesterol Delivery and Lipoprotein Lipase in the Arterial Wall in Insulin Resistant Mice. FASEB Journal, 2009, 23, 343.3.	0.5	0
158	Transgenic Models of Impaired Insulin Signaling. , 2007, , 168-184.		0